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A N N U A L     R E P O R T

F O R     T H E     Y E A R     1957

B Y

T H E     P O R T     M E D I C A L     O F F I C E R ,

Mary Lennox.

B.Sc., M.B., B.Ch., D.P.H.



BARRY PORT HEALTH AUTHORITY

*With the Compliments of the  
Port Medical Officer*

*Pier Head Office,  
Docks, Barry*



Constitution of Port Health Authority.

The Port Health Authority was constituted by an Order of the Local Government Board, dated 27th. July, 1893, and an amending Order, dated 27th. April, 1938, of the Ministry of Health, made under Sections 3, 9 and 314 of the Public Health Act, 1936.

The Port Health Authority is the Mayor, Aldermen and Burgesses of the Borough of Barry, acting by the Council.

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Mayor:

Alderman Mrs.M.HOLLAND, J.P.

Deputy Mayor:

Councillor G.E.FOLEY.

Aldermen:

J.P.BENNETT.

H.W.DURMAN.

W.EAST.

R.M.HOWELL.

A.R.M.ROOK.

T.YEOMAN.

Councillors:

J.BARRY.

T.G.BASSETT.

D.J.BOON, J.P.

B.CRIPPS.

L.HEFFERNAN.

Mrs.M.M.HIGGINS.

C.T.HOLMES.

T.JONES.

K.MILES.

I.E.PHILLIPS.

A.C.PONSFORD.

C.T.PRICE.

W.C.STONE, J.P.

A.G.THOMAS.

G.F.TODD.

A.C.D.WEBBER.

B.WILLIAMS.

R.D.WILLIAMS.

R.J.WILTON.

Mrs.A.O.YEOMAN.

(The above Constitution is as existing in December, 1957).

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HEALTH COMMITTEE.

Chairman:

Councillor W.C.STONE, J.P.

Vice-Chairman:

Alderman W.EAST.

The Mayor (Alderman Mrs.M.HOLLAND, J.P.)

Alderman R.M.HOWELL.

Councillor G.E.FOLEY.

(Deputy Mayor).

Councillor Mrs.M.M.HIGGINS.

Councillor L.HEFFERNAN.

Councillor Mrs.A.O.YEOMAN.


Councillor C.T.HOLMES.

Councillor J.BARRY.

Councillor C.T.PRICE.

Councillor R.J.WILTON.

(The above Constitution is as existing in December, 1957).



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Public Health Department,  
Woodlands Road,  
Barry, Glam.

To the Mayor, Aldermen and Councillors of the Barry Borough  
Council (also acting as the Port Health Authority).

Madam Mayor, Ladies and Gentlemen,

I beg to submit my Report for the Year 1957.

This is the 69th Annual Report of the Barry Port Health Authority and covers the work of the Authority during the Year. The Report has been prepared on the lines as indicated in a letter from the Ministry of Health dated 11th November, 1957 (M/H. Ref: 5A.93004/3/1C). In compliance with Form Port 20, Sections I, V, VI, VIII, XIV, and XVI are not repeated in full.

Limits of Jurisdiction - During the Year there was no change in the Authority's limits of jurisdiction. The contributing Riparian Authorities are the Cardiff Rural District Council and the Cowbridge Rural District Council.

Rhose Airport - In addition, the Barry Corporation undertakes health control, on behalf of the Minister of Health, at Cardiff (Rhose) Airport and a section dealing with this is included at the end of the Report.

SECTION I. - Staff.

No change.

SECTION II. - Amount of shipping  
entering the district during the year.

TABLE B.

Ships from	Number	Tonnage	Number Inspected		Number of ships reported as having, or having had during the voyage, infectious disease on board.
			By the Medical Officer of Health.	By the Public Health Inspector	
Foreign Ports	203	317,498	8	195	-
Coastwise	1,564	1,094,616	15	816	2
Total	1,767	1,412,114	23	1,011	2

SECTION III. Character of shipping and trade  
during the year.

TABLE C.

PASSENGER TRAFFIC -

Number of passengers INWARDS ... 61 )	see observations
Number of passengers OUTWARDS .. 119 )	following.

CARGO TRAFFIC -

Principal IMPORTS - Oil and Spirit;  
Coal and Coke;  
Pitwood and Mining Timber;  
Grain and Flour.

Principal EXPORTS - Coal and Coke;  
Oil and Spirit.

PRINCIPAL PORTS from which ships arrive:-

Home Ports.

Great Britain ... ..	London, Belfast, Bristol Channel Ports.
Eire. ... ..	Waterford, Cork, Dublin,

Foreign Ports.

Australia.	Geraldton.
Belgium.	Antwerp.
Canada.	Fort Churchill.
Cyprus.	Famagusta.
France.	Various.
Germany.	Hamburg.
Holland.	Rotterdam, Zeebrugge.
Portugal.	Leixoes, Lisbon.
Scandinavia.	Various.
West Indies.	Trinidad.

Observations on Table C.

Passenger Traffic. - The figures produced above have been provided through the courtesy of Mr.M.Morgan, H.M.Immigration Officer, Barry, and are further sub-divided, viz:-

Passengers Landed ... ..	Aliens 53; British 8
Passengers Embarked ... ..	Aliens 63; British 56

The Port of Barry is not an approved port under the Aliens Order, 1953, and this fact is indicated in Section XV.

Cargo Traffic.- The details set out in Table C in respect of Cargo Traffic have been extracted from the following figures kindly produced by the Dock Manager, Barry Docks (British Transport Commission - South Wales Docks).

As a matter of comparative interest, the 1956 figures are also submitted.



IMPORTS.

	<u>1957.</u>	<u>1956.</u>
Coal, Coke & Patent Fuel ....	96,944 tons	154,885 tons
Building & Road-making Materials ..	33,345 "	35,540 "
Fruit and Vegetables ....	2,619 "	778 "
Grain and Flour, etc. ....	76,296 "	98,820 "
Other Food and Provisions ..	3,714 "	1,612 "
Oil and Spirit ....	197,426 "	163,759 "
Iron and Steel Goods (including Scrap)	442 "	780 "
Pitwood and Mining Timber ..	92,833 "	68,849 "
Other Timber ....	3,333 "	5,194 "
Chemicals and Chemical Fertilisers .	677 "	861 "
Other Commodities ..	12,639 "	12,213 "
Total Imports.	<u>520,268 tons</u>	<u>543,291 tons</u>

EXPORTS.

	<u>1957.</u>	<u>1956.</u>
Coal, Coke & Patent Fuel ....	1,353,291 tons	1,410,481 tons
Building & Road-making Materials ...	-	2,731 "
Other Food and Provisions ..	15,287 "	10,617 "
Grain and Flour ....	12,603 "	11,468 "
Machinery ....	20 "	26 "
Vehicles and Vehicle Parts ..	782 "	9,565 "
Tinplate ....	52 "	159 "
Iron and Steel Manufactures .	125 "	416 "
Oil and Spirit ....	109,404 "	91,198 "
Chemicals and Chemical Fertilisers .	52 "	73 "
Other Commodities ..	17,601 "	24,897 "
Total Exports.	<u>1,509,217 tons</u>	<u>1,561,631 tons</u>

	<u>1957.</u>	<u>1956.</u>
Total Imports and Exports ....	2,029,485 tons	2,104,922 tons

SECTION IV. - Inland barge traffic.

Not applicable to the Port of Barry.

SECTION V. - Water supply.

No change.

The following Table shows the number of samples taken during the Year and the bacteriological results obtained:-

Source.	Number of Samples	Satisfactory.
Vessels.	32	23
Dockside.	25	16

Observations on Unsatisfactory Results.

(a) Vessels.

Six vessels were involved and, in each case, the tanks were cleansed and cement-washed.

(b) Dockside.

The nine unsatisfactory samples were obtained during the Summer. The fault was traced back to the reservoir, where remedial action, taken by the British Transport Commission's engineers, resulted in a satisfactory supply.

SECTION VI. - Public Health (Ships) Regulations, 1952 and 1954.

Visiting Forces Act, 1952.

The Visiting Forces (Application of Law) Order, 1956, came into operation on the 1st. January, 1957.

The Order extended the application of the principal order (of 1954) to the visiting forces of Luxembourg, Turkey, Greece, Denmark, Portugal and Italy, and consequently it became necessary to exempt these forces from the operation of the Public Health (Ships) Regulations, 1952.

SECTION VII. - Smallpox.

- (1) Name of Isolation Hospital to which smallpox cases are sent from the district. -

Penrhys Hospital, Rhondda.

- (2) Arrangements for transport of such cases to that hospital by ambulance, giving the name of the Authority responsible for the ambulance and the vaccinal state of the ambulance crews.

The responsible Authority for the ambulance service is the Glamorgan County Council.

Arrangements have been made by this Authority for the transport of all cases or suspected cases of smallpox to be dealt with by the County Ambulance Control Station at Severn Road, Treforest Trading Estate, where special drivers have been selected for the purpose.

In instances where the smallpox consultant for the Area has advised removal of a case, application for transport would be made to the Ambulance Control Station at Barry, who would pass the request to Treforest Control for action.

At the Treforest Station a supply of white gowns is kept and these would be issued to the drivers when called upon to convey smallpox cases.

Upon receipt of a call for transport, the Treforest Control would detail the vehicle and driver to be used and he would then proceed to Penrhys Hospital, Rhondda, where a nurse and necessary equipment would be picked up. The case would then be collected and taken to hospital.

The vehicle would be disinfected at the Hospital and, together with the driver, retained at the Hospital as long as considered necessary. The driver would be re-vaccinated immediately after conveying the patient to the Hospital.

(3) Names of smallpox consultants available.

Dr. G. Emrys Harries,  
Medical Superintendent,  
City Isolation Hospital,  
CARDIFF.

(Tel. No. CARDIFF 21466).

Private Address, etc.

14, Dunraven Flats,  
Westgate Street,  
CARDIFF.

(Tel. No. CARDIFF 20231).

Dr. G. F. James Thomas,  
Medical Superintendent,  
St. David's Hospital,  
CARDIFF.

(Tel. Nos. CARDIFF 20441 and 20478).

Private Address, etc.

"The Talbots",  
Llancarfan,

Nr. BARRY.

(Tel. No. BONVILSTON 263.)

(4) Facilities for laboratory diagnosis of smallpox.

The Public Health Laboratory Service at Cardiff is available for the diagnosis of any suspected case.

SECTION VIII - Venereal Disease.

During the Year there has been no change in the arrangements for dealing with Venereal Disease and the following details of attendances at the Barry Clinic have been kindly provided by Dr.P.Simon, Medical Officer i/c.

Seamen treated at Barry Venereal Diseases Clinic - 1957.

	Syphilis	Soft Chancre	Gonorr- hoea.	Non-Gon- ococcal Ureth- ritis.	Non- Venereal	Totals.
<u>Cases</u>						
Total	1	5	10	16	134	166
New	-	3	3	12	108	126
<u>Attend- ances.</u>						
Total	16	38	86	126	170	436
New	-	20	48	91	122	281

SECTION IX. - Cases of notifiable and other infectious diseases on ships.

TABLE D.

Category.	Disease	Number of cases during the year.		Number of ships concerned
		Passengers	Crew	
Cases landed from ships from foreign ports.	-	-	-	-
Cases which have occurred on ships from foreign ports but have been disposed of before arrival.	-	-	-	-
Cases landed from other ships.	Pneumonia	-	2	2

Influenza.

On Ministry instruction, a careful check on influenza was maintained at the Port. The first indication of its arrival occurred on the 24th. August when three members of the crew of a ship from Italy (via Southampton) developed the illness, one patient being admitted to the City Isolation Hospital, Cardiff, suffering from influenzal pneumonia.

During the week ending 13th. October, two Royal Fleet Auxiliary vessels were heavily infected, some 45 members of the crews being ill.

Sporadic cases occurred in one or two other ships entering the Port, but the efficient running of vessels was not affected, except in the case of one of the Fleet Auxiliaries where an Indian crew, which should have been flown home, had to remain on board for an additional period.

SECTION X. - Observations on the occurrence of malaria in ships.

No cases were reported on ships entering the Port during the Year.

SECTION XI. - Measures taken against ships infected with or suspected for plague.

During the Year, no "infected" or "suspected" ships arrived in the Port.

Vessels arriving from plague infected ports or suspected areas would be inspected on arrival by the Port Medical Officer. Such vessels would be thoroughly searched for rat evidence and rats caught or found dead submitted to the Public Health Laboratory for bacteriological examination.



SECTION XII. - Measures against rodents in ships from foreign ports.

(1) Procedure for inspection of ships for rats.

Vessels are inspected by a Public Health Inspector to the Port Health Authority as soon as possible after docking. Deratting or Deratting Exemption Certificates are inspected and overall inspection for rat traces made of the ship. If evidence of rats is found during the validity of a Certificate held on board, the owners are advised to undertake fumigation. In the majority of cases, the ready co-operation of owners in this matter is obtained. However, should instances arise where such co-operation was not forthcoming, every effort would be made to control and reduce the rat population on board. Trapping and poisoning would be employed as methods of elimination and the use of rat-guards, painted and lighted gangways, etc., to prevent egress of the rodents ashore.

In cases where rat indications are found and the Certificate is not valid, fumigation is enforced.

(2) Arrangements for the bacteriological or pathological examination of rodents, with special reference to rodent plague, including the number of rodents sent for examination during the year.

These examinations are carried out by the Public Health Laboratory Service (directed by the Medical Research Council for the Ministry of Health), The Parade, Cardiff.

4 rats from a ship were sent to the Laboratory for examination and found to be free from rodent plague infection.

(3) Arrangements in the district for deratting ships, the methods used, and, if done by a commercial contractor, the name of the contractor.

During the Year, one vessel was fumigated with hydrogen cyanide.

Fumigation of vessels in the district is undertaken by commercial contractors. Notification is received from the contractors as to the date and time when fumigation will take place; a Public Health Inspector to the Port Health Authority attends the fumigation and ensures that everything done is in strict compliance with the Hydrogen Cyanide (Fumigation of Ships) Regulations, 1951.

The afore-mentioned fumigation was carried out by Scientex, Ltd., 12, West Bute Street, Cardiff.

(4) Progress in the rat-proofing of ships.

Modern vessels are designed to provide an almost complete measure of rat-proofing and there is steady improvement in the older vessels.

TABLE E.

Rodents destroyed during the year in ships from foreign ports.

Category	Number
Black rats	12
Brown rats	-
Species not known	-
Sent for examination	4
Infected with plague	-

TABLE F.

Deratting Certificates and Deratting Exemption Certificates  
issued during the year for ships from foreign ports.

No. of Deratting Certificates Issued.					No. of Deratting Exemption Certifi- cates Issued.	Total Certif- icates Issued.
After fumigation with		After Trapping	After Poisoning	Total		
HCN. (1)	Other fumigant (state method) (2)				(3)	(4) +
1	-	-	-	1	89	90

+ State poisons used and number of Certificates issued after each poison.

SECTION XIII. - Inspection of ships for  
nuisances.

TABLE G.

Inspections and Notices.

Nature and Number of Inspections.		Notices Served		Result of serving Notices.
		Statutory	Other	
Defects of original construction.	1,011	Nil.	1	Not complied with
Structural defects through wear and tear.		Nil.	108	107 complied with
Dirt and other conditions prejudicial to health.		Nil.	135	134 complied with
Verminous conditions		Nil.	25	25 complied with
Total	1,011	Nil	269	266 complied with

SECTION XIV. - Public Health (Shell-Fish)  
Regulations 1934 and 1948.

No change.

SECTION XV. - Medical Inspection of Aliens.  
(applicable only to ports approved for the  
landing of aliens).

Barry is not an approved port for this purpose.

SECTION XVI. - Miscellaneous.

Arrangements for the burial on shore of persons who have died on  
board ship from infectious disease.

No change.

OTHER MATTERS.

RODENT CONTROL.

- (a) Prevention of Damage by Pests (Application to Shipping)  
Order, 1951.

Prevention of Damage by Pests (Application to Shipping)  
(Amendment No.2) Order, 1956.

10 Rodent Control Certificates were issued during the Year.

- (b) Rats Destroyed - In Docks, Quays, Wharves and  
Warehouses.

		<u>Black.</u>	<u>Brown.</u>
Ø By Rodent Operator employed by British Transport Commission (South Wales Docks)	..	1	26
By Port Health Authority's Rodent Operator	..	Nil.	Nil.

Ø Of these, two were sent for bacteriological examination. Both were reported free from infection.

FOOD INSPECTION.

1. Food and Drugs Act, 1955.

The Public Health (Imported Food) Regulations, 1937 and 1948.

During the Year, the Cold Stores were regularly inspected and close contact maintained with the Flour Mills. Several requests were also received for the examination of items of ships' stores.

The following list shows details of foodstuffs condemned during the year by the Chief Public Health Inspector to the Port Health Authority. In several instances, the foodstuffs concerned, although unfit for human consumption, were found to be suitable for animal feeding purposes.

Bananas.....	11,424 lbs.
Cereals (mainly Flour and Wheat) .....	12,821 $\frac{1}{4}$ "
Coffee.....	77 "
Fish, assorted.....	131 "
Fruits, dried.....	204 "
Marmalade.....	124 "
Meat and Offal.....	1,448 "
Milk, tinned (assorted).....	975 tins.
Milk Products (Cheese, Butter, etc.).....	284 lbs.
Pickles, mixed.....	368 $\frac{3}{4}$ "
Sugar.....	200 "
Tea.....	144 "
Vegetables, dried.....	1,338 "

2. The Public Health (Preservatives, etc., in Food) Regulations, 1925 to 1948.

The Public Health (Imported Milk) Regulations, 1926.

No action was taken under these Regulations during the Year.

Factories and Workshops.

Frequent inspections of the sanitary conveniences were made during the Year. All nuisances have been reported upon and the remedial work carried out. The conditions from a public health point of view are satisfactory.

Sanitary Conveniences on Dockside.

These are adequate and maintained in a satisfactory condition.

Foreign Animals Orders, 1910 - 1919.

These Orders prohibit the importation of animals into British home ports, scheduled ports and countries, and also provide for the disinfection and cleansing of vessels on which animals are carried.

228 dogs and 44 cats were brought to the Port during the Year, and remained on board.

Dangerous Drugs (No.3) Regulations, 1923.

No certificates were issued under these Regulations during the Year.



CARDIFF (RHOOSE) AIRPORT.

The following Tables give details in respect of Aliens and Arrivals at the Airport -

Cardiff (Rhoose) Airport - Table I.

Medical Examination of Aliens

(Year ended 31/12/57).

Number of arriving aircraft carrying aliens ...	141
Total number of arriving aliens (excluding crews)	490
Total number of aliens medically examined ...	Nil.
Reports and certificates for aliens medically ... examined.	Nil.

Cardiff (Rhoose) Airport - Table II.

(Year ended 31/12/57).

Aircraft and Passenger Arrivals.

<u>From</u>	<u>Aircraft</u>	<u>Passengers</u>
"Excepted Area" ... ..	1,902	22,772
Europe outside "Excepted Area" ...	<u>2</u>	<u>36</u>
Total	<u>1,904</u>	<u>22,808</u>

NOTE:

"Excepted Area" means the United Kingdom, the Channel Islands, the Isle of Man, the Irish Republic, France in Europe, Belgium, Holland, Luxembourg, Federal Republic of Germany and Italy in Europe.

Conclusion.

I should like to express my sincere thanks to the Staff of the Port Health Department for the efficient service rendered by them during the Year under review.

My thanks are also tendered to the Officers of H.M. Customs, the Officials of British Transport Commission (South Wales Docks), the Harbour Master, the Barry Channel Pilots and all Officials at Cardiff (Rhoose) Airport, for the manner in which they have so readily co-operated in the maintenance of Public Health and prevention of disease in the Ports.

Finally, I wish also to thank the Health Committee for their consideration during this period.

I am,

Your obedient servant,

MARY LENNOX.

Port Medical Officer.

